

REMARKS

This Application has been carefully reviewed in light of the Office Action mailed May 9, 2005. At the time of the Office Action, Claims 1-23 were pending in this Application. Claims 1-10, 12, 13, and 15-23 were rejected. Claims 11 and 14 were objected to.

Rejections under 35 U.S.C. § 102

Claims 1-9, 10, 13, and 18 were rejected by the Examiner under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 5,571,484 issued to Pettit et al. ("Pettit et al."). Applicants respectfully traverse and submit the cited art does not teach all of the elements of the claimed embodiment of the invention.

Claims 1 - 9

Claims 1 - 9 are directed to the burner, not necessarily including a NO_x adsorber catalyst. Claim 1 has been amended to recite features of the invention not taught or suggested by Pettit. Specifically, Pettit does not teach "immersing" the combustion chamber in the exhaust line. In Pettit, Figure 1 shows the combustion chamber 20 receded from, and out of, the main exhaust flow line. Pettit does not teach or suggest that the main exhaust flow contacts any surface of the combustion chamber. There is no portion of the combustion chamber that exhaust gas in the exhaust line flows perpendicularly against, as recited in Claim 1.

Claim 1 is allowable as are its dependent claims.

Claims 10 - 17

Claims 10 and 13 have been amended to incorporate the limitations of Claims 11 and 14 respectively, which the Examiner stated were allowable. These claims and their dependent claims are in condition for allowance.

Claims 18 - 23

Claim 18 has been amended to recite the installation and use of a supplemental fuel injector between the burner and the NAC. This feature is not taught or suggested by the cited references.

New Claims

New Claims 24 - 26 are supported on pages 9 - 10. Claim 27 is supported on page 15. Claims 28 and 29 are supported by Figures 1, 1A, and 4 and the accompanying description.

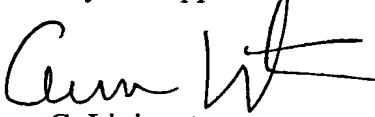
CONCLUSION

Applicants have made an earnest effort to place this case in condition for allowance in light of the amendments and remarks set forth above. Applicants respectfully request reconsideration of all pending claims as amended.

Applicants enclose a petition for a one-month extension of time, and a check in the amount of \$60.00 for the extension fee. Applicants also enclose a check in the amount of \$100.00 for the new claims. Applicants believe no additional fees are due, however, the Commissioner is hereby authorized to charge any fees necessary or credit any overpayment to Deposit Account No. 50-2148 of Baker Botts L.L.P.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicants' attorney at 512.322.2634.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorney for Applicants


Ann C. Livingston
Reg. No. 32,479

Date: September 9, 2005

SEND CORRESPONDENCE TO:
BAKER BOTTS L.L.P.

CUSTOMER ACCOUNT NO. **31625**
512.322.2634
512.322.8383 (fax)